ABSTRACT OF THE DISCLOSURE

METHOD OF INJECTING/EXTRACTING CONTROL CELLS IN AN ASYNCHRONOUS TRANSFER MODE (ATM) NETWORK

A method and system for injecting/extracting a control cell into/from a data connection transmitted from a source switching node to a destination switching node of an Asynchronous Transfer Mode (ATM) network. The injecting method consists in adding to the ATM cell a switch routing label (SRL) and a protocol engine correlator (PEC) by the control point of the injection switching node before injecting the cell into the connection. The extracting method consists in setting a control flag in the control block of the incoming cell if this cell includes an extraction condition indicating that it is a control cell to be extracted, and adding to the control cell a switch routing label corresponding to the control point (CP SRL) and a reserved static protocol engine correlator (SPEC).